

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A47C23/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                                   | Relevant to claim No. |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X          | WO 85/02987 A (HAAPASALO PAULI MIKAEL)<br>18 July 1985 (1985-07-18)<br>abstract<br>page 4, line 1 - page 8, line 10<br>figures 1-3                   | 1-7                   |
| Y          |                                                                                                                                                      | 8                     |
| X          | EP 0 749 712 A (FEHER LASZLO FERENC ;<br>FEHER ROGER (CH))<br>27 December 1996 (1996-12-27)<br>column 3, line 26 - column 4, line 59;<br>figures 2,3 | 1,2,4,5,<br>7         |
| Y          | CH 663 339 A (PETER FEHLMANN)<br>15 December 1987 (1987-12-15)<br>page 2, line 60 - line 62; figure 1                                                | 8                     |
|            | -/--                                                                                                                                                 |                       |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

07/10/2004

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages           | Relevant to claim No. |
|------------|----------------------------------------------------------------------------------------------|-----------------------|
| A          | AT 400 662 B (BURIAN BERTRAM)<br>26 February 1996 (1996-02-26)<br>abstract; figures<br>----- | 1-8                   |
| A          | DE 38 27 476 A (HCM AG)<br>22 February 1990 (1990-02-22)<br>abstract; figures<br>-----       | 1-8                   |

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---|---------------------|----------------------------|---------------------|
| WO 8502987                                | A | 18-07-1985          | FI 840024 A                | 06-07-1985          |
|                                           |   |                     | DE 3590011 T               | 23-01-1986          |
|                                           |   |                     | EP 0167609 A1              | 15-01-1986          |
|                                           |   |                     | FI 853093 A ,B,            | 13-08-1985          |
|                                           |   |                     | WO 8502987 A1              | 18-07-1985          |
|                                           |   |                     | NO 853483 A                | 04-09-1985          |
|                                           |   |                     | SE 444758 B                | 12-05-1986          |
|                                           |   |                     | SE 8504107 A               | 04-09-1985          |
|                                           |   |                     | SU 1438598 A3              | 15-11-1988          |
| EP 0749712                                | A | 27-12-1996          | DE 19522309 A1             | 02-01-1997          |
|                                           |   |                     | AT 182059 T                | 15-07-1999          |
|                                           |   |                     | DK 749712 T3               | 29-11-1999          |
|                                           |   |                     | EP 0749712 A1              | 27-12-1996          |
| CH 663339                                 | A | 15-12-1987          | CH 663339 A5               | 15-12-1987          |
| AT 400662                                 | B | 26-02-1996          | AT 25491 A                 | 15-07-1995          |
| DE 3827476                                | A | 22-02-1990          | DE 3844622 A1              | 01-03-1990          |
|                                           |   |                     | DE 3844624 A1              | 01-03-1990          |
|                                           |   |                     | DE 3827476 A1              | 22-02-1990          |
|                                           |   |                     | EP 0354271 A2              | 14-02-1990          |
|                                           |   |                     | US 5058224 A               | 22-10-1991          |